# STRUCTURED ICON



Stephen Luttrell

STRUCTURED ICON

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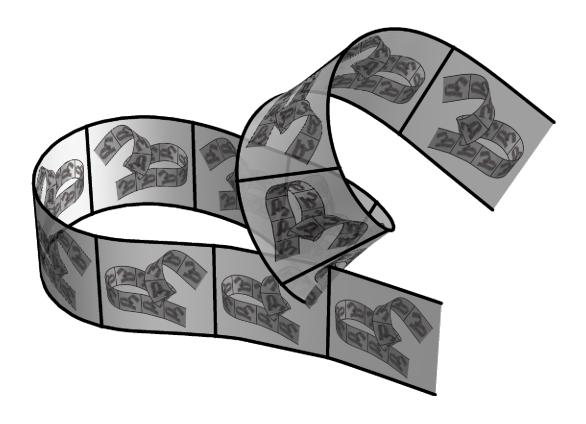
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- 3. Images from the "OS One inch 7th Series, 1955-61" map series published by the National Library of Scotland (see https://maps.nls.uk/index.html) are used because they are copyrightfree.
- 4. The artificial intelligence image-generator Craiyon (see https://www.craiyon.com) was used to create copyright-free images.

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Image processing and document creation was done by the author using Mathematica, Version 13.3, Wolfram Research, Champaign, IL (see https://www.wolfram.com/mathematica).

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## **Preface**

This project began when Kate Bush released her "Director's Cut" album in 2011 (see http-s://en.wikipedia.org/wiki/Director%27s\_Cut\_(Kate\_Bush\_album)). As usual, with her album cover artworks, there is a "KT" (i.e. "Katie") symbol concealed somewhere within it, and using a magnifying glass it is possible to find "KT" in her DC album cover artwork. Solving this puzzle immediately led to another puzzle, because in the DC cover artwork the "KT" symbol is accompanied by some extra symbols, so that it reads as "VI ... KT IX". KB *never* includes extra details for no reason at all, so "the game is afoot".

That was in 2011, over a decade ago, and the project of deciphering all of the DC album artworks — approximately one per song on the DC album — then proceeded in a very leisurely way as one of my "background" hobbies. There were a lot of dead-ends in this quest, and also a lot of what appeared to be tempting "decoys" to throw me off the scent, but I eventually solved it all (mostly).

## **Acknowledgements**

To avoid potential infringement of copyright caused by reusing substantial parts of images from the "Director's Cut" album artwork (Kate Bush, 2011), I created copyright-free representations of DC images by feeding appropriate prompts to an artificial intelligence image-generator, and then I stitched these results together to form representative collages. I also reused and adapted many small parts of images from the DC album artwork, on the understanding that this is "fair use" — i.e. research and commentary.

I have used many images derived from "OS One Inch 7th Series, 1955-61" map images. These are covered by the Creative Commons Attribution (CC-BY) licence, and they are reproduced with the permission of the National Library of Scotland (see https://maps.nls.uk/index.html).

I have "watermarked" all (and only) images that I created using the artificial intelligence imagegenerator Craiyon (see https://www.craiyon.com) by surrounding them with a faded frame wherever they appear in this book. I have therefore taken the liberty of removing the ugly Craiyon "watermark" — an orange crayon logo — from all of these images.

I created musical notation using Dorico (see https://www.steinberg.net/dorico) or LilyPond (see https://lilypond.org).

I did all computer processing and document creation using Mathematica, Version 13.3, Wolfram Research, Champaign, IL (see https://www.wolfram.com/mathematica).

## Introduction

The key to interpreting the artworks that are included with Kate Bush's "Director's Cut" album is to realise that each of them is actually a distorted map, and where it is relevant KT — this is Kate Bush's symbol — has specifically chosen to use Ordnance Survey Explorer (1:25,000) maps (and coordinates), which can be accessed online at https://explore.osmaps.com for a small annual subscription. The main problem is to identify how each virtual-world artwork corresponds to the real-world "ground truth" — i.e. to find where it is located on the map — and several times I got trapped for a couple of years in very convincing "decoy" solutions, from each of which I eventually escaped by working on unrelated things for several months. The fact that the DC artworks overlap with each other in various places is very helpful when trying to piece everything together.

This book is my summary of how all of the virtual-world artworks that are included with the DC album correspond to "ground truth" places in the real-world. I mostly present these solutions as a fait accompli with accompanying notes. However, in some cases I have deliberately omitted map locations, because I suspect that KT wants the some aspects of her artworks to remain obscure.

I have also omitted any interpretation of the DC artworks that cannot be confirmed by "ground truth", which thus excludes any narrative storyline that might "explain" KT's motivation for publishing the DC artworks. It was very tempting to include a storyline, but it would appear to be mere speculation rather than truth because of its lack of "ground truth".

I used the small CD-album version of the DC artwork throughout this project, which means that the artwork used in this book has a lower resolution than the larger vinyl-album version of the DC artwork. It turns out that low resolution is all that is needed for identifying how the DC artworks correspond to the real-world "ground truth".

I used many photos from my personal photographic collection — shot with a Canon EOS 6D 35mm DLSR camera, using various focal lengths ranging from 8mm (fish-eye) up to 300mm which includes many photos that I shot in south-west Cornwall, together with a reference set of photos that I shot of the CD-album version of the DC artwork. To reduce the file size of this book I decided to restrict the quality of most of the included photos to being small monochrome stippled images.

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The problem of finding the correspondence between a virtual-world DC artwork and its realworld "ground truth" is hard — i.e. it takes a lot of effort and some luck to discover the right location. However, once a location has been discovered, the problem of verifying that it is the

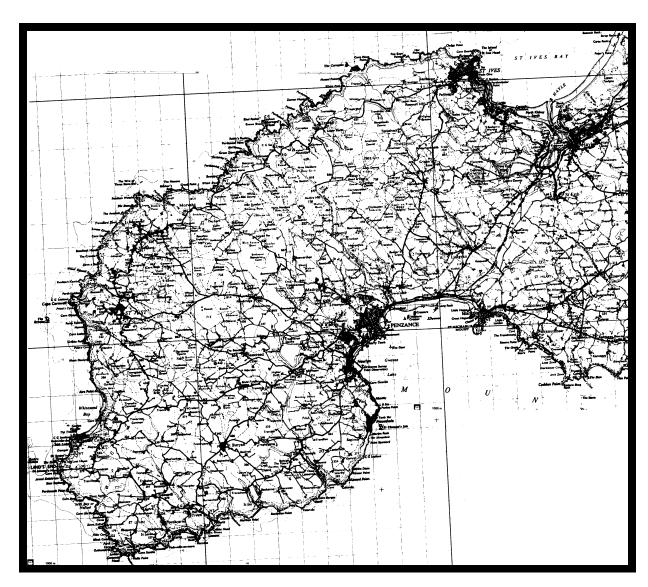
correct location is relatively easy.

During the early stages of this project I used fairly loose criteria to assess the "correctness" of a location, but over the years I gradually realised that KT is rigorously logical in her approach, and that the phrase "fairly loose criteria" is not in her lexicon. This discovery is extremely non-obvious, but it is the key to deciphering the cryptic side of KT's work.

There is a prequel and a sequel to the analysis of the DC artwork. It turns out that the locations corresponding to the DC artworks also appear in (some of) the artworks in KT's earlier and later albums. For earlier albums, the cover artworks of both "The Sensual World" and the "The Red Shoes" albums correspond to locations that appear in the DC artworks. For later albums, the "Between Two Worlds" artwork in the "Before The Dawn" album has a rich correspondence with locations that appear in the DC artworks. There is a long and consistent thread in KT's artworks stretching at least as far back as the 1980s.

So much for KT's artworks, but what about KT's music? An example is given in this book, where I decipher the DC album's "Song Of Solomon" artwork, which includes some sheet music whose note pitches define a sequence of numbers that corresponds to the OS coordinates of some waypoints along a journey between locations that appear in the DC artwork. However, more generally, I have found that it is somewhere between difficult and impossible to decipher KT's music unambiguously in this sort of way, so I have generally focussed on her artworks.

## **West Map**



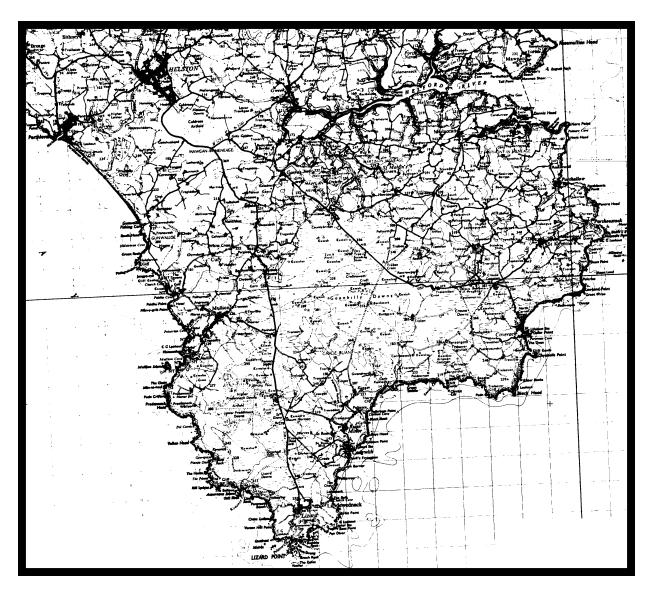
OS One Inch 7th Series, 1955-61 Map.

Reproduced with the permission of the National Library of Scotland.

https://maps.nls.uk/geo/explore/#zoom=11.3&lat=50.13254&lon=-5.62159&layers=11&b=1.26444.

South Map  $\Rightarrow$  Contents | **11** 

# **South Map**



OS One Inch 7th Series, 1955-61 Map.

Reproduced with the permission of the National Library of Scotland.

https://maps.nls.uk/geo/explore/#zoom=11.5&lat=50.04346&lon=-5.27354&layers=11&b=10.04346&lon=-5.27354&layers=11&lon=-5.27354&layers=1



Network of interconnections between the Director's Cut artworks.

# Connectivity

The "Director's Cut" album artworks are interconnected in various ways — some obvious, and some obscure — and the purpose of this brief section is to give a "bird's eye" overview of these interconnections, which then serves as a context within which to place the descriptions of each artwork.

The network of interconnections contains three main subnetworks that have strong internal connections, but which are weakly connected to each other.

## 1. Front Cover, Moments Of Pleasure, Never Be Mine:

This subnetwork includes the starting location — i.e. the front cover artwork of the DC album and it defines a patchwork of interlinked "maps" of several locations that are very close to each other.

## 2. Eisenstein, Deeper Understanding, Inside Back Cover:

This subnetwork includes the Eisenstein-like DC album artwork, and the shape of Eisenstein's 35mm film defines a "road map" that runs past the other locations in this subnetwork.

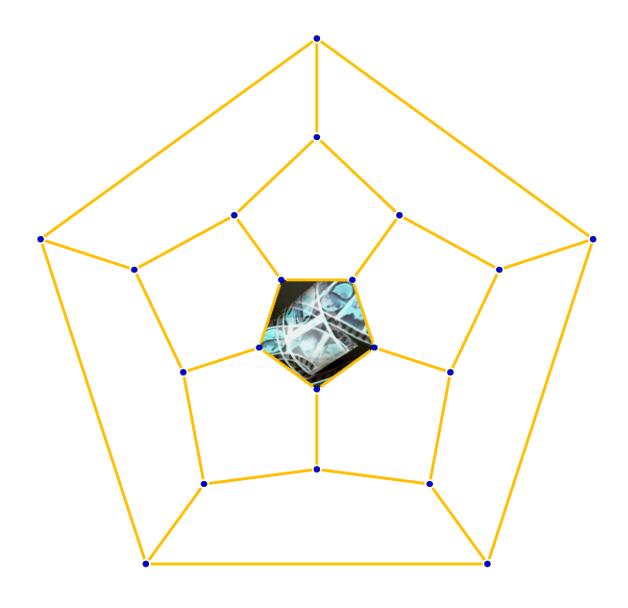
## 3. Flower Of The Mountain, Song Of Solomon, Lily, Top Of The City, And So Is Love:

This is a large subnetwork that defines a patchwork of interlinked "maps" of locations within a large region.

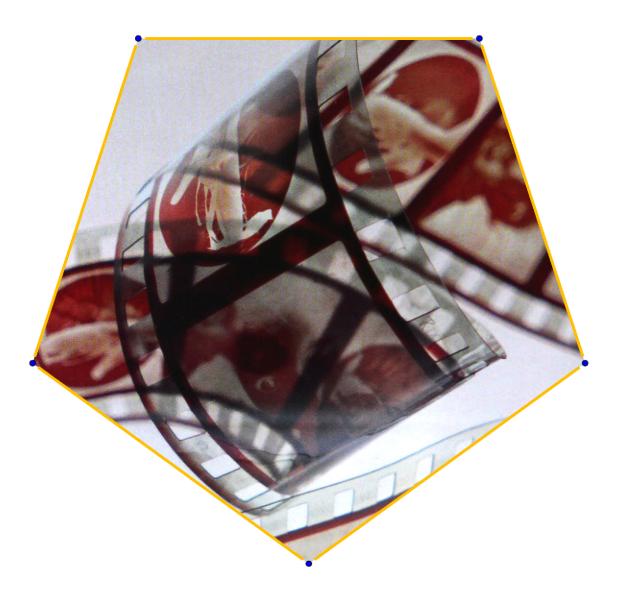
The above subnetworks are connected to each other as 1⇔3⇔2 by long-range links. To avoid cluttering the diagram, long-range range links that serve more-or-less the same purpose have been amalgamated into a single long-range link.

#### 4. This Woman's Work:

This is a singleton subnetwork — i.e. not really a subnetwork at all — which is linked to subnetwork 3 via long-range links.

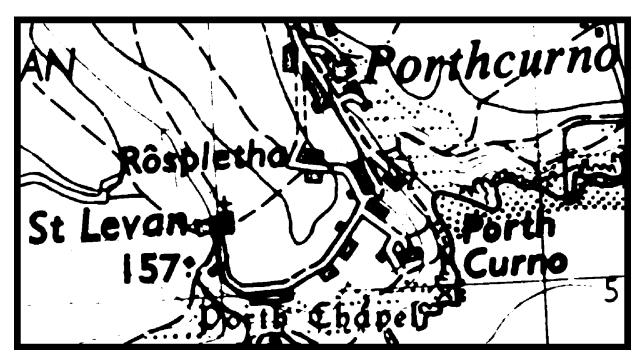


## **Front Cover**



Adapted from Director's Cut album artwork (Kate Bush, 2011).





OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

#### **Entrance To Minack Theatre**



The final approach up the hill to the entrance of the Minack Theatre. To the right of the entrance is a narrow lane going to St Levan Church. Out of view to the right of the camera is a narrow lane going to Rôspletha.



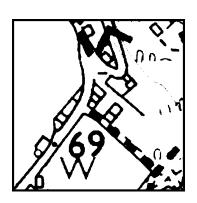
Minack Theatre entrance sign. This stands at the corner of a large rectangular field, which is bordered on two adjacent sides by (1) the Minack Theatre entrance drive, and (2) a lane that continues onwards to St Levan Church.

https://en.wikipedia.org/wiki/Minack\_Theatre





The film coil has "VI ... KT IX" written on it. This is "6 ... KT 9", where the 6...9 are indices for picking letters from "MINACK THEATRE" on the entrance sign, giving "K THE" = "KT". Adapted from Director's Cut album artwork (Kate Bush, 2011).



OS map at the Minack Theatre entrance, with a spot-height legend "69" (at SW38420,22219), which corresponds to the 6...9 above.

OS 1:25,000 Explorer Map.

© Crown Copyright. Reproduced by permission of Ordnance Survey.

### Miscellaneous



This ascending line of music, which staggers towards the end, gives the OS coordinate of the camera location used to photograph the approach to the Minack Theatre.



Tips of the spires on the corners of the tower of St Levan Church viewed from the location where the combined OS map legends "W69" appear on the OS map.

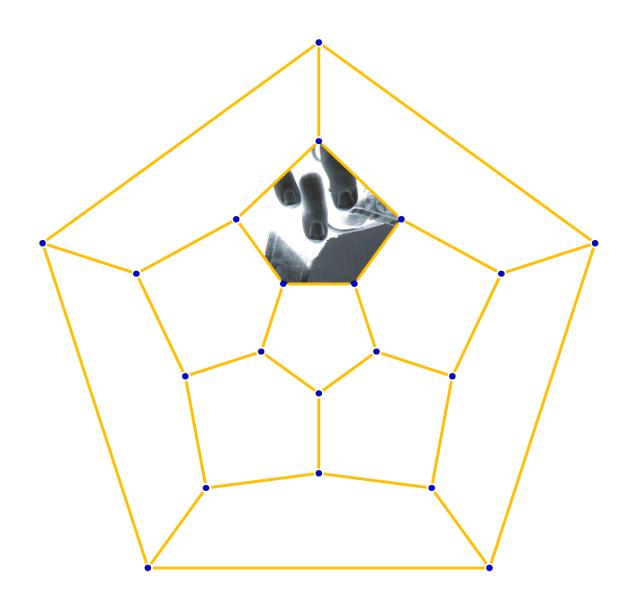


Logan Rock viewed from a location on the lane to Rôspletha. A logan stone is a large stone that is so finely balanced that the application of just a small force causes it to rock, but the one on Logan Rock doesn't rock any more.

https://en.wikipedia.org/wiki/Rocking\_stone https://www.cornwalls.co.uk/porthcurno/logan\_rock.ht m



Rôspletha Farm House and Morwennol viewed from a distant location on Percella Point (approximately SW3880,2235). Rôspletha is wellhidden even from nearby viewpoints.

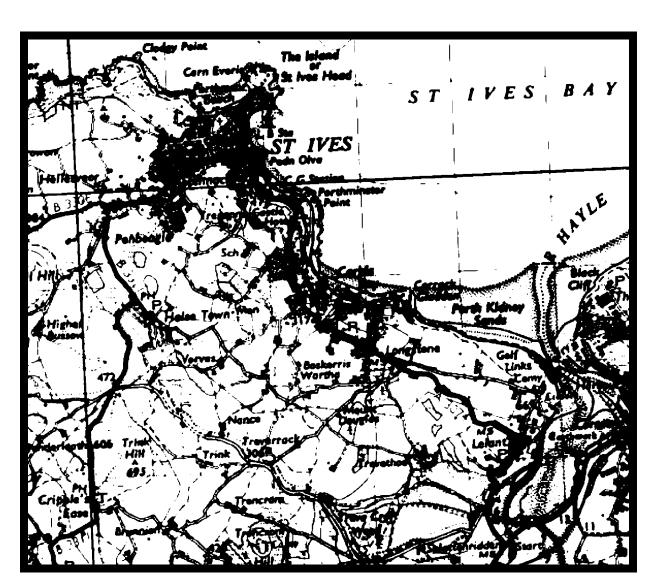


# **Eisenstein**



Adapted from Director's Cut album artwork (Kate Bush, 2011).



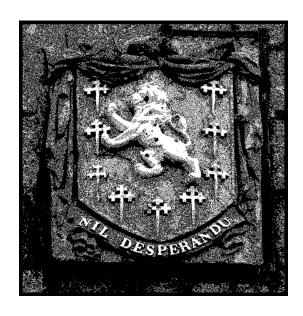


OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

## Film Dangling From Right Hand [B3311 south of Halsetown]



Steam locomotive arriving at St Ives railway station.



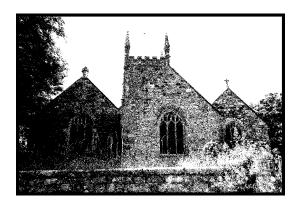
Not far to the south, on the Knill Monument it says "NIL DESPERAN-DUM" which is your guiding principle when analysing the DC artwork.

https://en.wikipedia.org/wiki/John\_Knill#Monument



Peal of bells being rung at Ludgvan Church. The eccentric notation represents an online audio file.

https://tdgr.org.uk/tower/western/ludgvan/ https://dove.cccbr.org.uk/tower/14814



Lugvan Church. The curve of KT's chin represents the B3309 going through Ludgvan.

## Film Dangling From Left Hand [A3074 then A30 east/south of Longstone]



Lelant. The location where 4 roads intersect at a 90° corner on the A3074 is called The Cross.

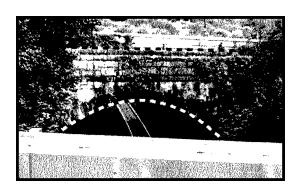
OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.



The Cross in Lelant.

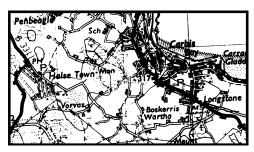


Church Road viewed from The Cross. This road goes to St Uny Church, which features in the "Deeper Understanding" artwork.



About 1km south of The Cross is the large A30/A3074/B3301 roundabout, which surrounds a railway bridge that is no longer connected to the road network. It is an unusable bridge (USB), which features in the "Deeper Understanding" artwork.

#### **Notes**



OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

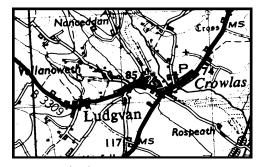
- Film Stretching Between Right & Left Hands (Halsetown to Longstone).
- Laity Lane: HalseTown to Longstone.
- Steeple Lane: Loop around Knill Monument just north of Laity Lane.
- KT peers somewhere just above this section of the film, which would be where Steeple Lane is located.





Adapted from Director's Cut album artwork (Kate Bush, 2011).

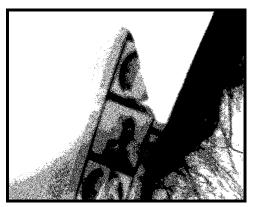
- Lengths of right hand's fingers 4 and 3 and  $(2 \& 1) \Rightarrow 1 + 2 + (2 + 1) \Rightarrow$ 123. OS spot-height 123 metres nearby at Polmanter Water / Halsetown [SW50390,38730].
- Lengths of left hand's fingers (1 & 2 & 3) hiding last "digit" => 2 + 2 + 2 => 6. OS spot-height 59 metres (rounds to 60 metres) at Longstone / A3074 corner [SW53335,38021].



OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

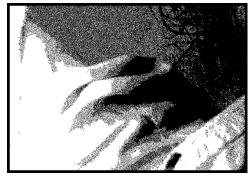
The profile of KT's chin and jawline corresponds to the B3309 going through Ludgvan and then joining the A30 at Crowlas.

#### **Notes**



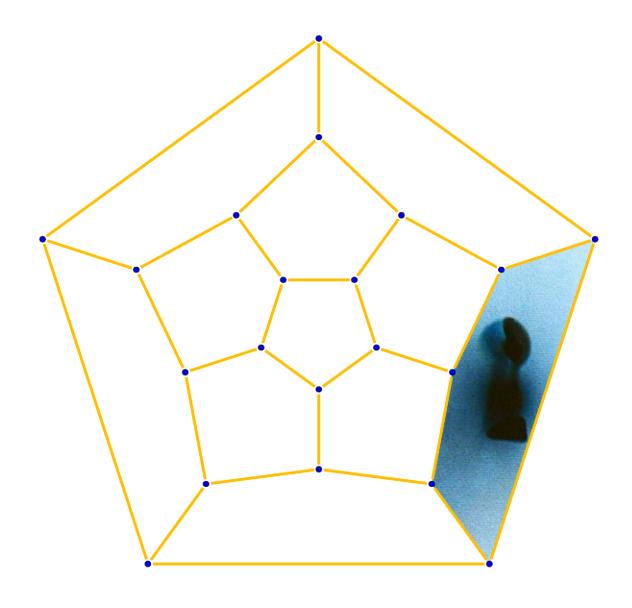
Adapted from Director's Cut album artwork (Kate Bush, 2011).

- Triple intersection. The film dangling from KT's left hand has an arrow-shaped highlight that points to where her jawline is straddled by "The Sensual World" and "The Red Shoes" film frames.
- This location is arround the Crowlas crossroads on the A30 at SW51445,33098.
- Just to the south-east of this crossroads are the OS map legends "Sewage Works" and "Rospeath La", which give "S[e]W" and "R[o]S".
- "The Sensual World" and "The Red Shoes" give "SW" and "RS".
- The arrow-shaped highlight pointer actually misses the triple intersection in such a way as to point to this "SW" and "RS" location south-east of the Crowlas crossroads.

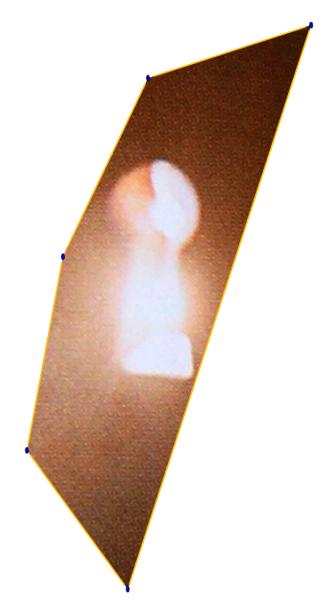


Adapted from Director's Cut album artwork (Kate Bush, 2011).

This sensual fold on the righthand shoulder of KT's shirt corresponds to the location of "Badger's Cross" on the B3311 west of Ludgvan.

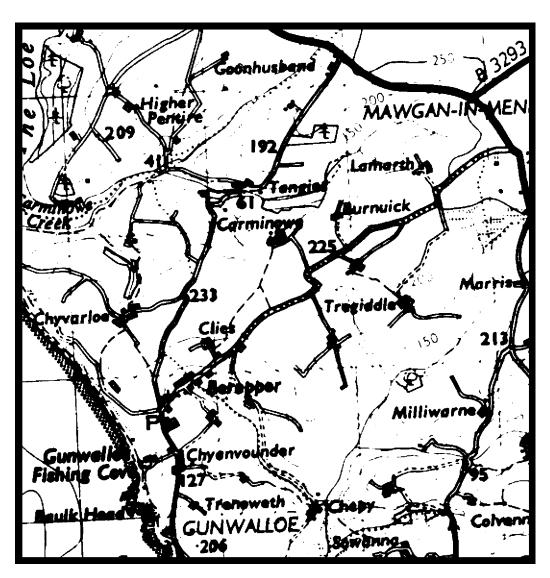


## Flower Of The Mountain



Adapted from Director's Cut album artwork (Kate Bush, 2011).





OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

## Waypoint



See the "Song Of Solomon" sheet music, lines 1 and 2 of which describe a journey via several waypoints — each specified by its OS coordinate — then arriving (in line 3) at this location.



In the distance from the opposite side of the road above you can see an isolated house.



Find your way to this isolated house to discover its location. The "G-Clef" (note the spelling) shape of the key in the DC artwork confirms that this is the correct hamlet.

## **Key and Keyhole**



The key and keyhole are clues that point to a target area. Elsewhere in the DC artwork there are other clues that also point to the same area.

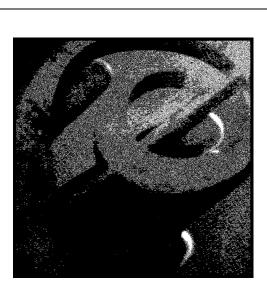


Artistic rendering of this target area.

Caption "For Pa.":

#### **Notes**

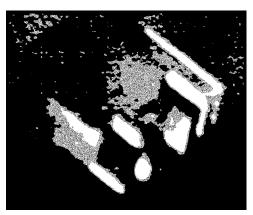
- "For" => "four" = 4.
- "." indicates that the letters before it are an abbreviation.
- "Pa." is an abbreviation of a 4letter word.
- "." also represents a small roundish object.
- "Parc Bean" fits all of the above, because "Pa." is an abbreviation of the 4-letter word "Parc", and "[Pa]rc Bean" => "right see bean" which places a "." (i.e. "bean") on the right of "Pa". Whew!



Adapted from Director's Cut album artwork (Kate Bush, 2011).

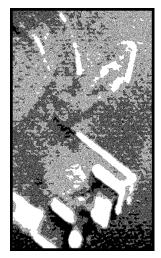
- There are highlights on fingertips 1, 2, 3, 4.
- This represents 1 2<sup>3</sup> 4, where finger 3's highlight is tiny so it is used as an index for finger 2 — i.e. 2<sup>3</sup> rather than 23.
- Overall, this gives the digits 1 2 2 2 4.
- Location SW[65450],22241 of the front door of Parc Bean.

## **Notes**



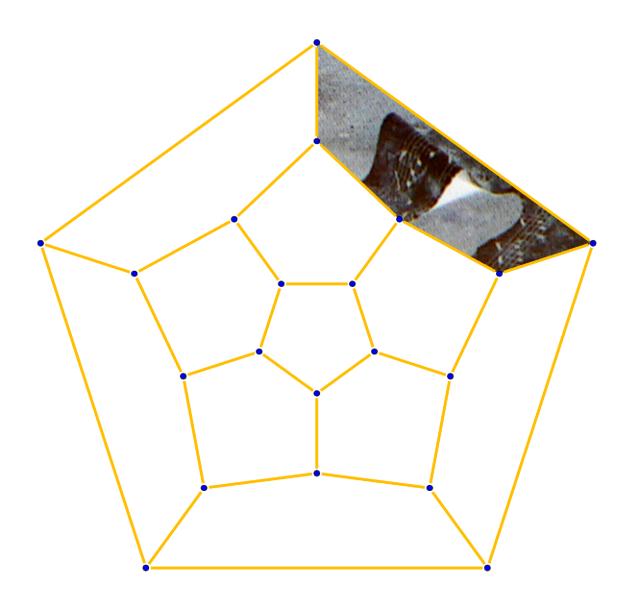
Adapted from Director's Cut album artwork (Kate Bush, 2011).

Key blade. The highlights are a rough sketch map of a cluster of buildings.

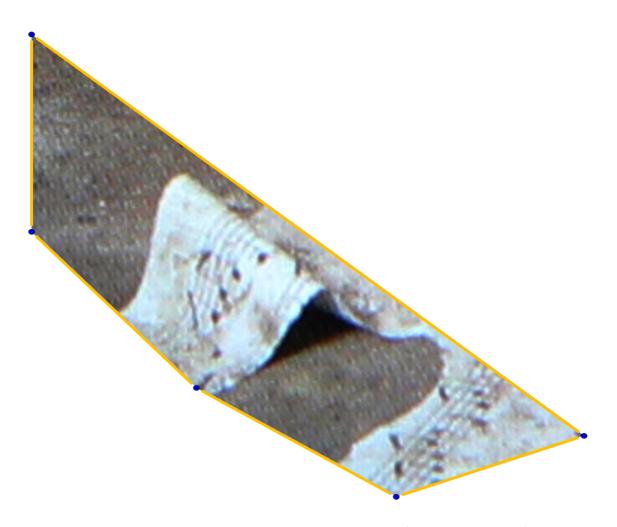


Adapted from Director's Cut album artwork (Kate Bush, 2011).

Key blade triangulation. The linelike highlights near the top of the image extrapolate to intersect at the location of the keyhole in the above rough sketch map.

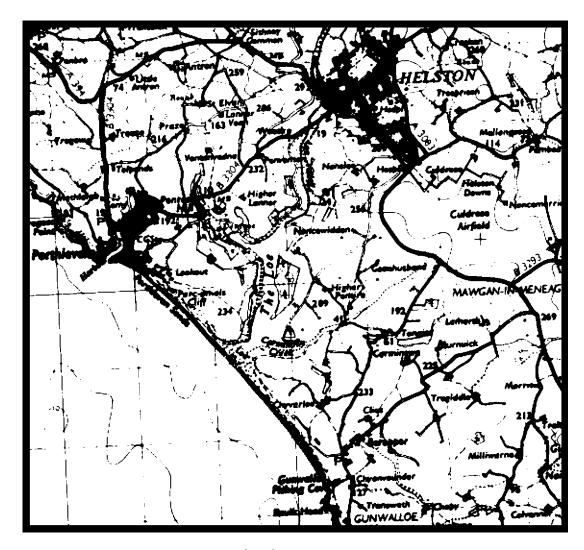


# **Song Of Solomon**



Adapted from Director's Cut album artwork (Kate Bush, 2011).





OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

#### **Sheet Music**



This is my transcription of the sheet music on the floor in the DC artwork. Firstly, I transcribed all of the visible notes and rests. I then filled in some of the half-visible notes (indicated by x noteheads) so that they harmonise correctly. Finally, I filled in the remaining gaps by inserting rests.

I then converted the note pitches to their corresponding digits (written above the notes) using the key-of-D conversion table D=1, E=2, F=3, G=4, A=5, B=6, C=7. Finally, and with the benefit of insight derived from other DC artworks, I collated blocks of digits (below the notes) that are suggested by this music.

#### **The Journey**











- The images are attached to the appropriate parts of the above thumbnail of the sheet music — i.e. line 1, start and finish of line 2, and line 3.
- [52132 ...] line 1: The OS coordinate of the starting point near the town corresponding to the pose adopted by Toll. The shape of the ruck in the manuscript paper at the start of the sheet music suggests where to search near the town for this location.
- [... 1336 ...] start of line 2: Easting of the OS coordinate of a location in the town corresponding to the pose adopted by Marion and Gabriel.
- [... 25272 ... 11462 ... 132 ...] end of line 2: Northings of the OS coordinates of waypoints along a route. The last waypoint has only the 3 least significant digits of its OS northing given.
- [... 36 ... 64 ... 14] line 3: A set of OS spot-heights marked along a road, where the spotheights with a 7 in them are omitted. The final pair of spot-heights bracket the target location.

Monitor (i.e. loudspeaker) partially visible at the bottom-left:

This is a cryptic clue for "Mon", because "Monitor" is only partially visible. "Mon" is the OS map legend printed next to the starting point (at SW62316,25807) of the sheet music on the floor.

Toll's stance in the alcove with a leaky pipe above:



Adapted from Director's Cut album artwork (Kate Bush, 2011).

- Stance: Shape of Porthleven harbour on the OS map.
- Leaky pipe: Stream marked on the OS map that goes underground before entering Porthleven harbour.

#### Shape of sheet music on the floor:



Adapted from Director's Cut album artwork (Kate Bush, 2011).

- The "bite" into the lefthand side of the paper is Porthleven harbour.
- The ruck in the paper is the hill to the north of Porthleven harbour.

#### Marion's and Gabriel's stance:



Adapted from Director's Cut album artwork (Kate Bush, 2011).

- Marion and Gabriel are cheek-byjowl: Back-to-back houses in Thomas Street and Thomas Terrace.
- Marion's shoulder lion: Gap between lion's teeth => Terry-Thomas (actor/comedian) => Thomas Terrace.
- Marion's curved arm: Curve around corner between Thomas Terrace and Thomas Street.
- Gabriel's top-hat: At top

## Gabriel's main wing bones:



Adapted from Director's Cut album artwork (Kate Bush, 2011).

- Peverell Road (upper arm).
- Thomas Terrace (lower arm).
- Junction between Thomas Terrace and Thomas Street (wrist).
- Wellington Road or B3304 (index finger).

## Sword and cut in pillar:

- Sword: Defines a line that points to Gabriel's wing wrist.
- Cut in pillar: Defines a line that points to Gabriel's wing wrist, and also to the tops of the spiky branches leaning against the far wall.

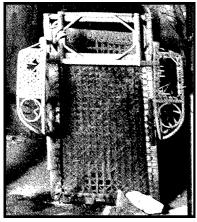
## Spiky branches leaning against wall:



This represents barbed wire.

Adapted from Director's Cut album artwork (Kate Bush, 2011).

### Wicker chair:



Adapted from Director's Cut album artwork (Kate Bush, 2011).

This represents a chain fence.

#### Rolls of linoleum on floor:



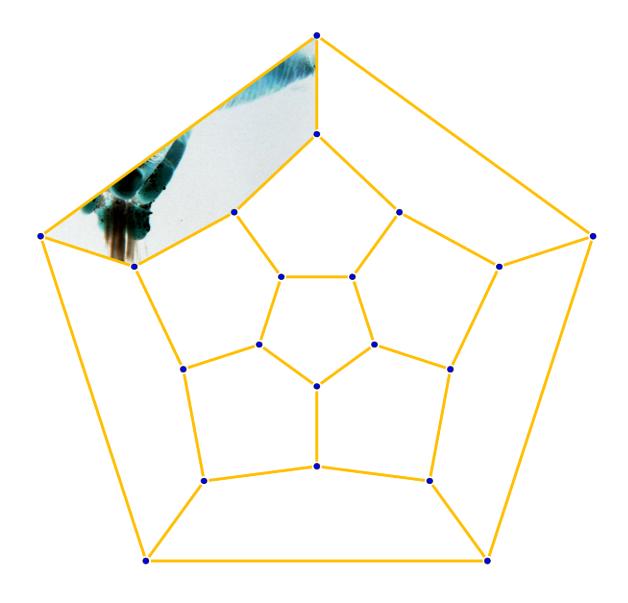
Adapted from Director's Cut album artwork (Kate Bush, 2011).

This represents a pair of binoculars, whose shape is suggested by the round+flat+round rolls of linoleum.

Caption "...and sign it with a kiss.":

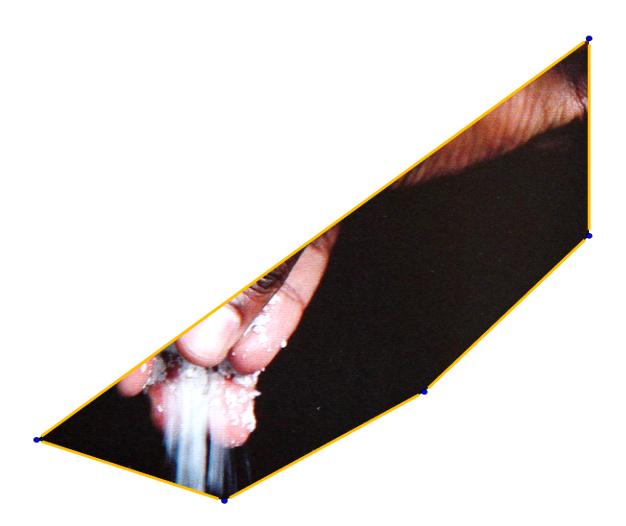
Word lengths (including "..."): 6 4 24 1 4.





# Lily

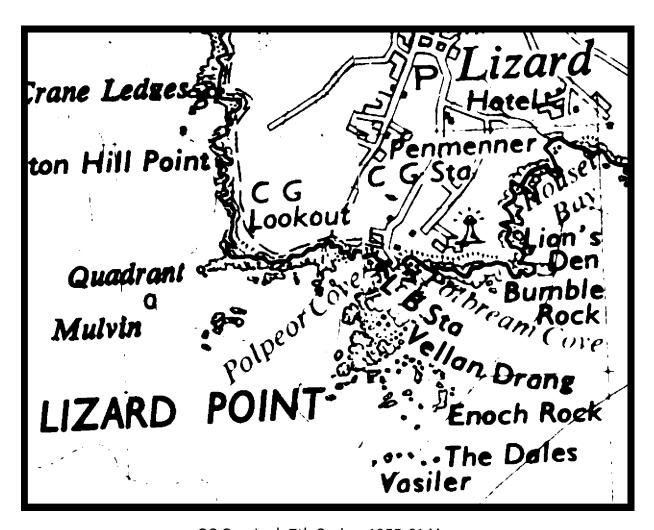
Lily



Adapted from Director's Cut album artwork (Kate Bush, 2011).



Lily



OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

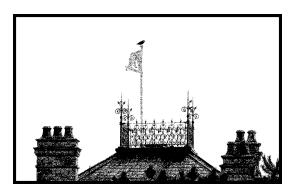
#### **Sinister**



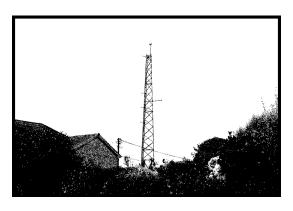
Going south from Lizard along Penmenner Road. The lie of the land to the east drops away as you progress along this road, so a panoramic view appears to the east.



Park-an-Castle. This impressively large house is located to the east of Penmenner Road, and it stands prominently in the middle of its surrounding fields.



House at the far southern end of Penmenner Road, where you have to walk along a track to go any further south towards Lizard Point.

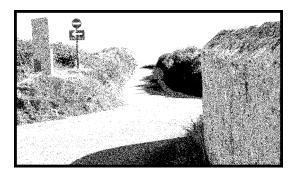


Aerial near the above house above.

#### **Dexter**



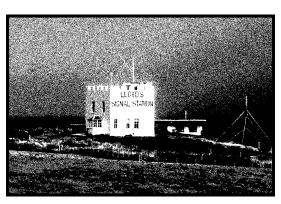
Lizard Lighthouse. This can approached by walking along the coastal path from Lizard Point, or by going south from Lizard along Lighthouse Road and then along the front driveway of the lighthouse.



There is no exit via the front driveway of Lizard Lighthouse.



Housel Bay Hotel. This is the largest building in the vicinity of Lizard Point. Because of the lie of the land, it is visible from many locations.

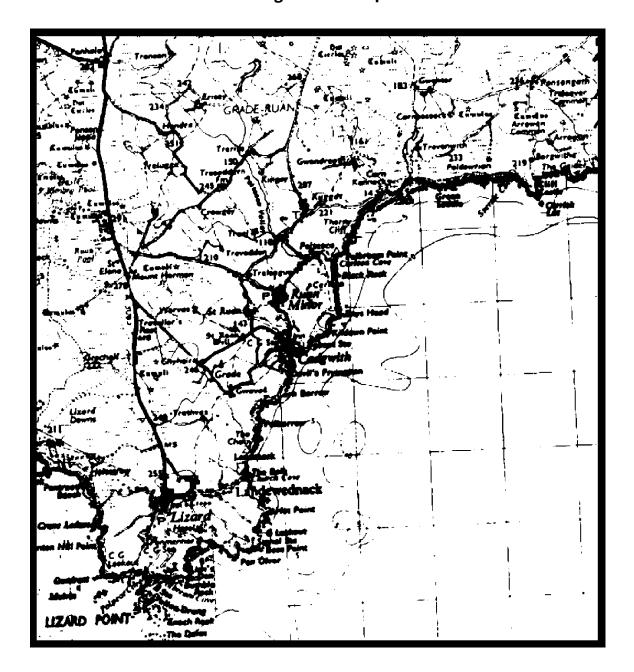


Lloyds Signal Station close to the hotel above. This white building stands on a headland. It has a direct line-of-sight view over the sea to (and from) the southernmost location of the "Top Of The City" artwork i.e. Toll's left foot.

Caption "take what I say with a pinch of salt":	<ul> <li>Word lengths (including ""): 7 4 1 3 4 "a" 5 2 4.</li> <li>Substitution: 4 1 =&gt; 1 1 1 1.</li> <li>Most southerly point and its altitude: SW70101,11542 and 34 metres is given by the above digits.</li> </ul>
Toll's hand and arm:	<ul> <li>First finger: Penmenner Road and path going south from Lizard to south-west coastal path.</li> <li>Thumb: Lighthouse Road going south from Lizard to Lizard Point &amp; Lizard Lighthouse.</li> <li>Fouth finger (pinky): Path and lane (driveway) to Lizard Lighthouse.</li> <li>Fingers, hand, wrist curve: Coastline of Housel Bay to the north-east of Lizard Point.</li> </ul>
Fingers sprinkling salt:	<ul> <li>Salt: Sodium Chloride (NaCl).</li> <li>Atomic numbers Na=11 and Cl=17.</li> <li>Fingers: Total number is 5.</li> <li>Gather digits: {11, 17, 5}.</li> <li>Most southerly point: OS coordinate of 34 metre spot-height marker is SW70100,11542. The 6-digit OS coordinate SW701115 is given by the above digits.</li> <li>42: "sprinkling salt" creates the "luck" that generates the extra digits 4 2 needed in SW70100,11542.</li> <li>https://en.wikipedia.org/wiki/Phrases_from_The_Hitchhiker%27s_Guide_to_the_Galaxy</li> </ul>

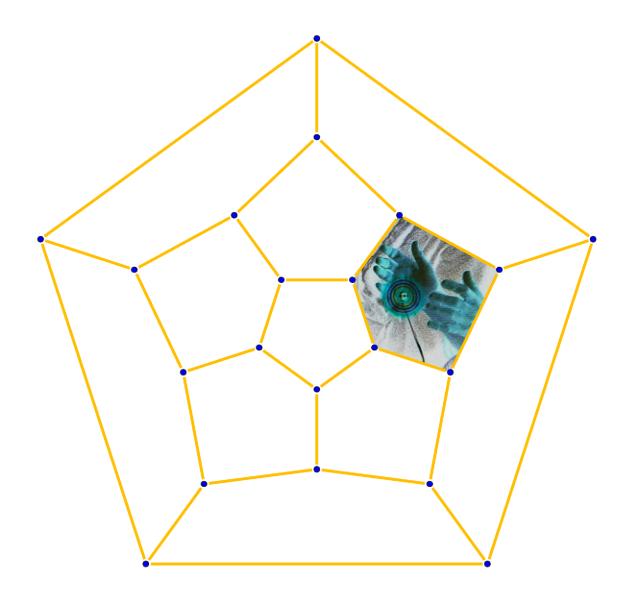
## Larger-Scale Map

Lily



This map shows how "Lily" (bottom-left) is a neighbour of both "Top Of The City" (top-right) and "And So Is Love" (top-left), where only the nearest location in TOTC and ASIL is shown.

Although Lily is physically separated from both TOTC and ASIL, locations close to Lily are connected to TOTC by line–of–sight over the sea, and Lily is variously suggested by the angles of the feet in the ASIL artwork.

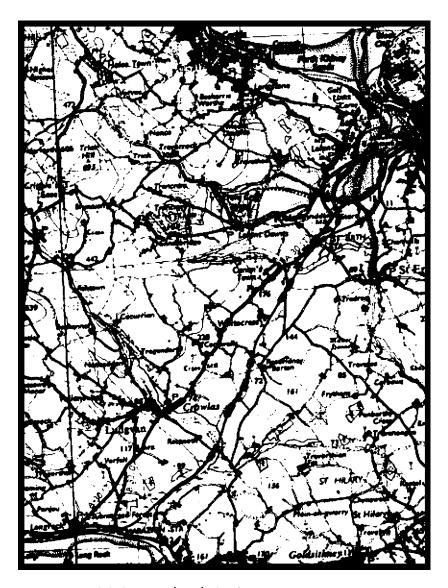


## **Deeper Understanding**



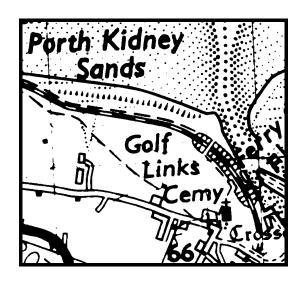
Adapted from Director's Cut album artwork (Kate Bush, 2011).





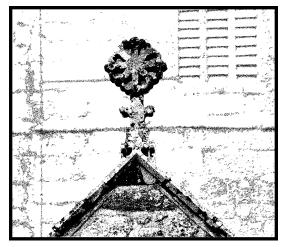
OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

#### North



Railway corner. This is where Toll is looking out of the window, apparently at "Porth Kidney Sands", whilst holding some Cornish bagpipes on which "southern tunes" might be played, which suggests "S tunes" = "St Uny's [Church]".

OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.



Eastern aspect of St Uny Church viewed from the direction of the railway line to its east.

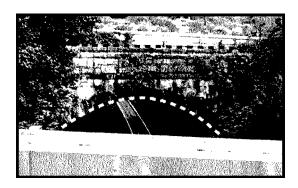


Lelant Railway Station. This is just south of St Uny Church. The multicoloured globe in the DC artwork matches the multicoloured roads at The Cross in Lelant. The eye inside the globe represents "I" (i.e. KT) corresponding to "Lelant" = "L-left an T" = "KT".

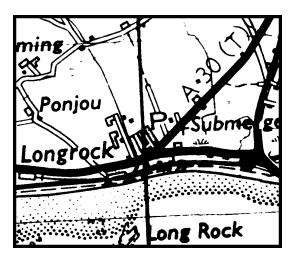
#### South



Viaduct. This the view over the Hayle Estuary from Lelant Railway Station, showing the A30 road viaduct to the south. Out of view to the right, the A30 enters a large roundabout complex.



Unusable bridge (USB) within the roundabout complex that is disconnected from the road network. I have overlaid some dotted lines to enhance the outline of the bridge. The "USB" is represented by the USB plug/socket in the DC artwork.



Longrock junction. Going south along the A30, this is the next roundabout. In the DC artwork, this section of the A30 is represented by Prof Need's legs, and "Longrock" is represented by his long winklepicker shoes beloved of "rockers".

OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

Caption "I turn to my computer like a friend":	– Word lengths (including ""): 4 4 2 2 8 4 1 6.
	- Substitution: $228 = 228 = 2 \times 6 \times 19$ .
	<ul> <li>– U/S bridge and its altitude:</li> </ul>
	SW[5]4404,[3]6162 and 19 metres.

"C" and "O" carved into the wooden support of the lefthand armrest of seat.

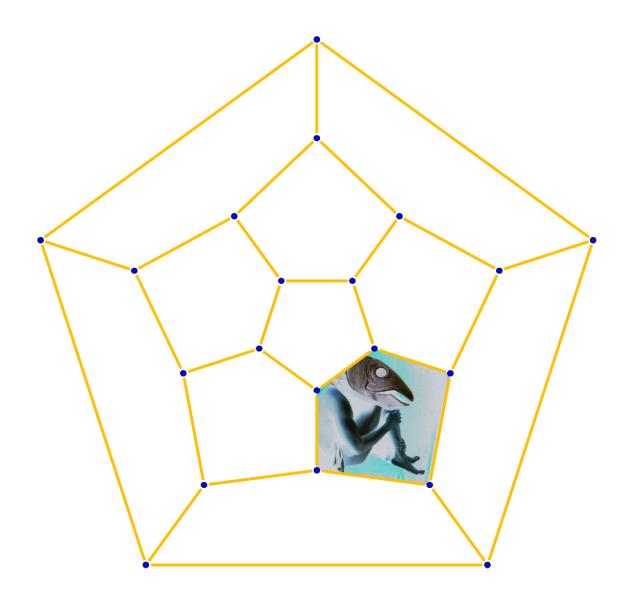


Adapted from Director's Cut album artwork (Kate Bush, 2011).

"C an[d] O" = (sounds like) "Kernow" = "Cornwall".

USB lead:	Railway line from A30/A3074 roundabout to Lelant.
Prof Need's fingers:	Embankments on the railway near Lelant are represented as clusters of short parallel lines on the OS map.



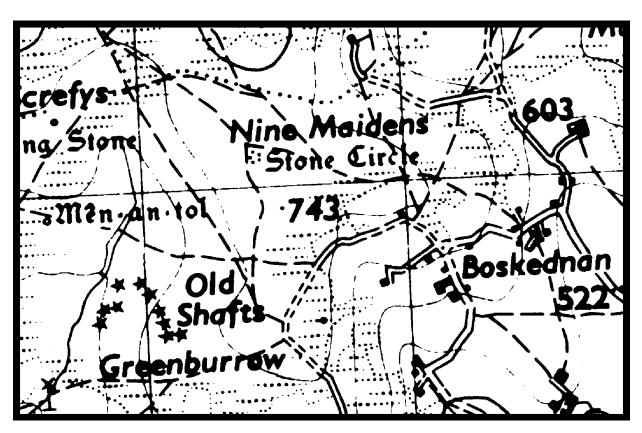


## **This Woman's Work**



Adapted from Director's Cut album artwork (Kate Bush, 2011).



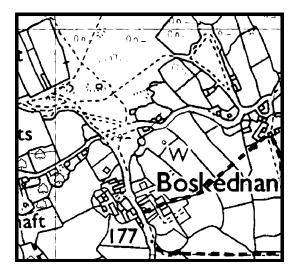


OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

#### **Boskednan**



Boskednan tracks. [OS 1:25,000 Explorer]



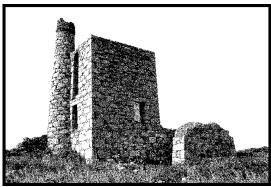
The DC artwork, showing Toll in a foetal type of position, is based on the tracks and road drawn around the above OS coordinate.

OS 1:25,000 Explorer Map.

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Long range view of Ding Dong Cottage(s) (on the left of the skyline) viewed from the valley approaching Boskednan from the south.



engine-house.htm

https://www.cornwalls.co.uk/photos/ding-dong-

Ding Dong Mine engine house.

### **Moorland Hideaway**



Ding Dong Cottage(s). [OS 1:25,000 Explorer]



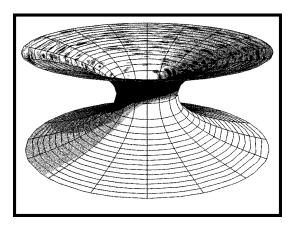
The Loft at Ding Dong Cottage(s). This is a 3-dimensonal Escher-like maze of rooms, connected by a flight of stairs and a ladder.



Front sight. This set-up shoots a few degrees to the right of where you want to shoot. [OS 1:25,000 Explorer]



Boskednan track viewed from the highest window of The Loft above. This includes a mid-distance view of St Michael's Mount and a far-distance view of the Lizard Peninsula.



Wormhole. The full experience of travelling though the wormhole features in the "Inside Back Cover" artwork. However, the view from The Loft gives an outsider's "bird's eye" overview of the wormhole.

Caption "...Just make it go away":



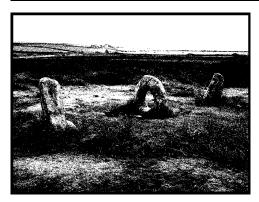
https://en.wikipedia.org/wiki/Boskednan\_stone\_circle

- Word lengths (including "..."): 742 24.
- Split: 74 and 224.
- Nine Maidens (Stone Circle) at SW43415,35125 has word lengths 47 and altitude 224 metres.



https://en.wikipedia.org/wiki/Ding\_Dong\_mines

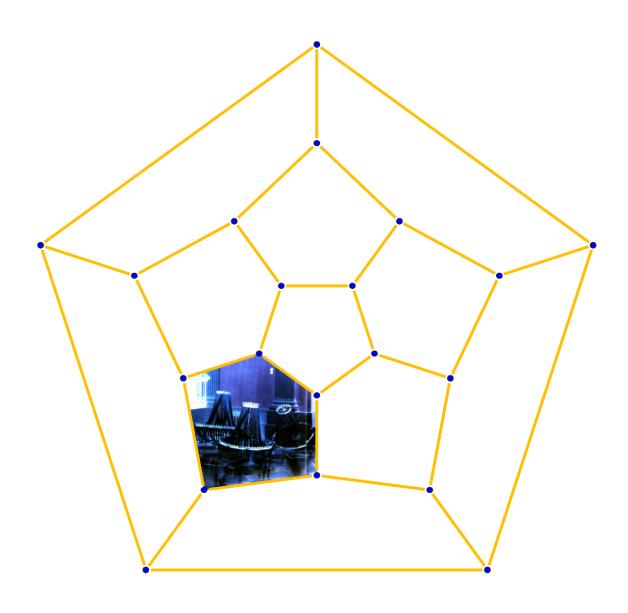
Greenburrow Engine House at SW43444,34415 in the Ding Dong Mine complex.



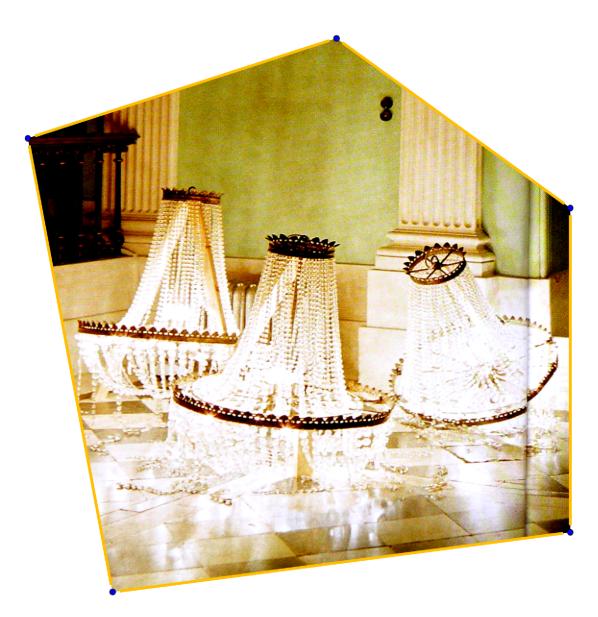
https://en.wikipedia.org/wiki/Mên-an-Tol

Mên-an-tol at SW4264,3494. Its precise location is not marked on the OS map.



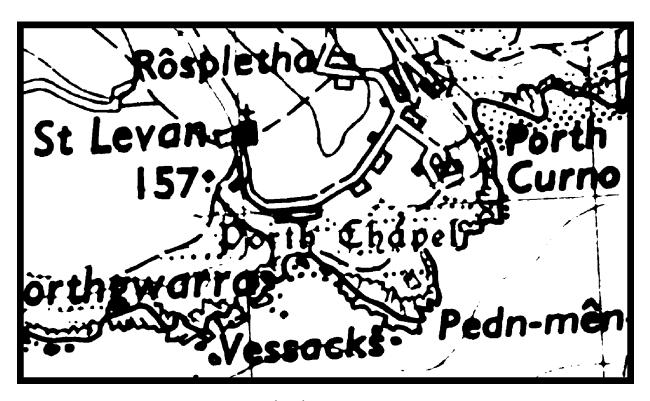


## **Moments Of Pleasure**



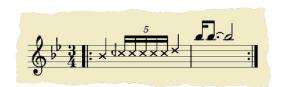
Adapted from Director's Cut album artwork (Kate Bush, 2011).





OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

#### From The West ...

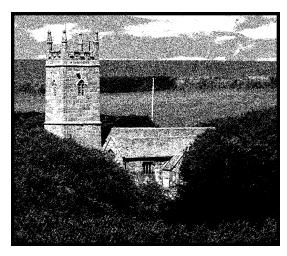


Approximate musical pitches of the now-silent bells at St Levan Church. [OS 1:25,000 Explorer]

https://dove.cccbr.org.uk/detail.php?tower=13553



St Levan Church viewed from Arden-Sawah (at SW3721,2305) along a conveniently aligned lane.



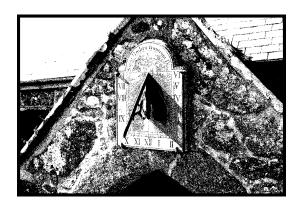
St Levan Church viewed from Carn Barges approaching from the west. The "sock" in the DC artwork is located around this viewpoint.

https://en.wikipedia.org/wiki/St\_Levan%27s\_Church,\_St \_Levan

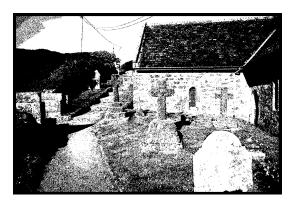


Entrance to St Levan Church. It sounds as if there is something going on in there.

#### ... Past The Church ...



St Levan Church sundial. The inscription above the sundial is "Sicut Umbra transeunt Dies.". It is nearly 4pm.



Steps going east along the north side of St Levan Church. Supposedly, this is the "devil's" side of the churchyard, where Satan lurks to catch the unwary. These steps correspond to the staircase to the left of the elevator in the DC artwork.



At the top of the steps, leaving St Levan Church is via an "obstacle course" that appears to be a granite cattle grid.

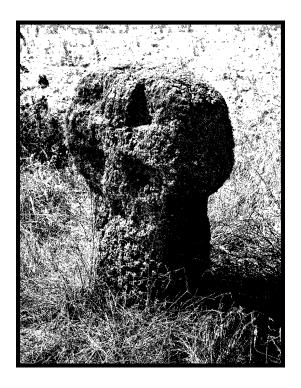
# ... To The East



St Levan Church viewed from the field path to its east.

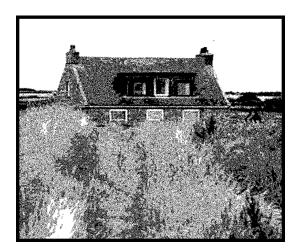


Celtic cross location. [OS 1:25,000 Explorer]



Celtic cross next to the field path.

# Rôspletha



Rôspletha Farmhouse viewed from the field path to its west. The "shoe" in the DC artwork is located around here.



Morwennol in Rôspletha viewed from the field path to its west.

Caption "Every old sock meets an old shoe...":

- Word lengths (excluding "..."): 5 3 45234. Excluding "..." corresponds to the 3 church bells that do not ring.
- Rearrange: 54 33 2 5 4.
- St Levan Church tower spotheight (54 metres), St Levan Well spot-height (33 metres), and "St Levan Well" word lengths (2 5 4).
- This is not as arbitrary as it might seem, because there is a path directly linking SLC and SLW.

#### Sock features:



Adapted from Director's Cut album artwork (Kate Bush, 2011).

- Eye: St Levan Church.
- Upper/lower lips: Path between St Levan Church and St Levan Well.
- Teased threads on upper lip: This suggests "teas", which is a reference to the teas that were served in the back garden of the house at SW37920,22134 near to St Levan Church.

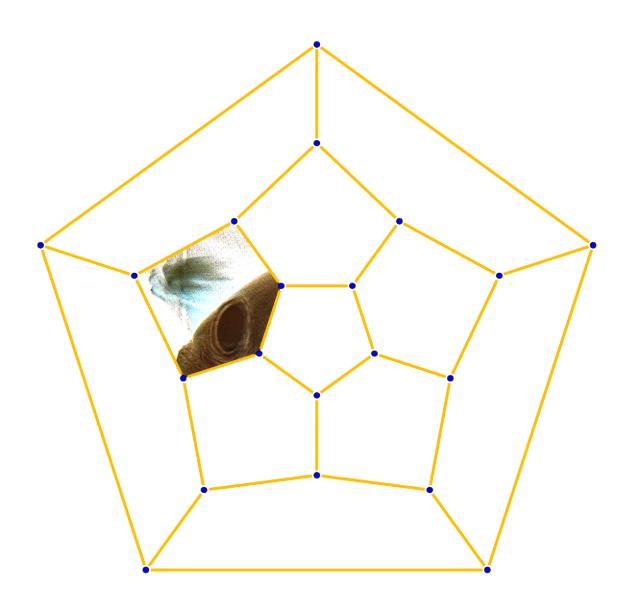
#### Shoe features:



Adapted from Director's Cut album artwork (Kate Bush, 2011).

- Zip: Field path between St Levan Church and Rôspletha. The open top of the zip corresponds to the Yjunction in the field path that is marked on the OS map. In the realworld this Y-junction does not exist.
- Opening: Represents the outline border of Rôspletha.

Caption: "He meets us at the lift":	<ul> <li>Word lengths (excluding ""): 25</li> <li>2234. Excluding "" corresponds to the 3 church bells that do not ring.</li> <li>The location SW[38021],22204 of St Levan Church tower and the altitude 53 metres at its location (estimated from the location of the OS map's church symbol).</li> </ul>
Elevator:	<ul> <li>- "el ev at or" = (sounds like) "L IV at O-R" = ("R" = "right", "O-R" = "P") "54 [at] P".</li> <li>- "54" and "P" are OS map spotheight/symbol that appear just south-east of St Levan Church.</li> </ul>
Empty gap to the right of the elevator:	Corresponds to the small empty field just south of where the "54" OS map spot–height appears.
Stairway to the left of the elevator:	Corresponds to the steps on the north side of the churchyard of St Levan Church.
Michael's left arm akimbo, fingers, and standard lamp:	<ul> <li>Arm loop and lower edge of Michael's wing form a "6".</li> <li>Arm loop and standard lamp support form a "9".</li> <li>Fingers spaced to form a "W".</li> <li>Gather the above together to form "W69".</li> <li>"W69" is the OS map symbol/spotheight nearby (see the "Front Cover" analysis).</li> </ul>

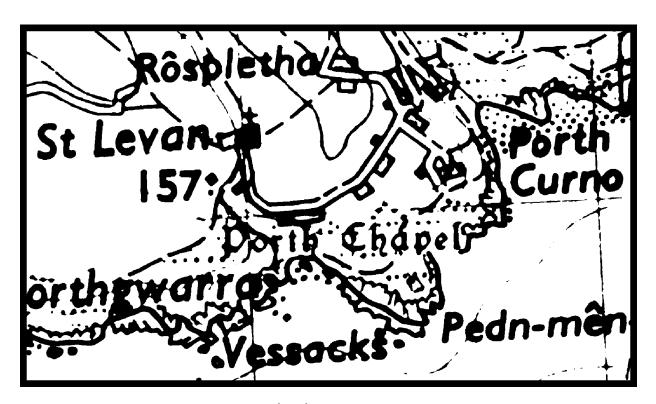


# **Never Be Mine**



Adapted from Director's Cut album artwork (Kate Bush, 2011).



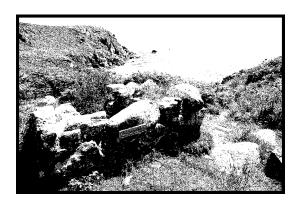


OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

#### From St Levan Well ...



St Levan Well. [OS 1:25,000 Explorer]



St Levan Well. The deity who dwells here can't see which way up your coins land because the water is like pea-soup and murky.



The "business end" of the mast cage on Rôspletha Cliff, which can be seen in the background of the St Levan Well photo. No transmissions are being received, but perhaps that is because the mast is missing.

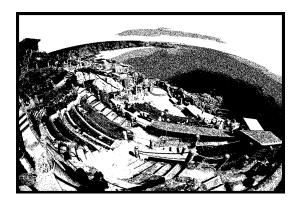
Oh the highest part of Rospietha Cliff is:a concrete base with an Iron cage attached for housing a mast. The mast was erected In 1902 by The Eastern Talegraph Company to monitor Marconl's experiments on the Lizard. It was supplied by N. Holmans and Son Ltd of Pensonse, Was in three parts, with a total heighedi 59 weres (170 feet) ot alf of bedeette lefter syrel a land han

Mast cage plaque. The ETC, using their "thinking cap", got this kit to work, which is encouraging

# ... To Rôspletha



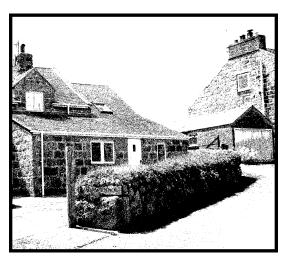
Minack Theatre viewed from Rôspletha Cliff. You hear the activity going on there, but you can't see much from this distance.



Minack Theatre. Wide-angle view with Logan Rock in the distance.



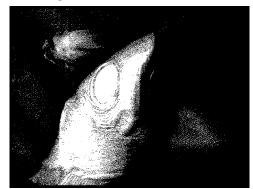
Minack Point. This is marked as such on the OS map, but the Minack Theatre is not marked as such.



Rôspletha houses. It seems that all roads lead to Rôspletha.

Caption "you're happy without me.":	<ul> <li>- Word lengths (including ""): 8 5 7</li> <li>"me".</li> <li>- Substitutions: 8 = 2×2×2, "me" = "KT"</li> <li>- SW[38458],22257 and "KT".</li> <li>- Location of "[Minac]K The[atre]" entrance sign (see the analysis of the "Front Cover" artwork).</li> </ul>
Toll (left):	<ul> <li>- Head: Large oval field between St Levan Church and Rôspletha.</li> <li>- Torso and left leg: Road going south-west from Minack Theatre entrance.</li> <li>- Right leg: Path(s) going from St Levan Church to St Levan Well.</li> <li>- Left arm: Path going south from "W69" near the Minack Theatre entrance</li> <li>- Curved chair base: Path going between St Levan Well and Rôspletha Cliff</li> </ul>

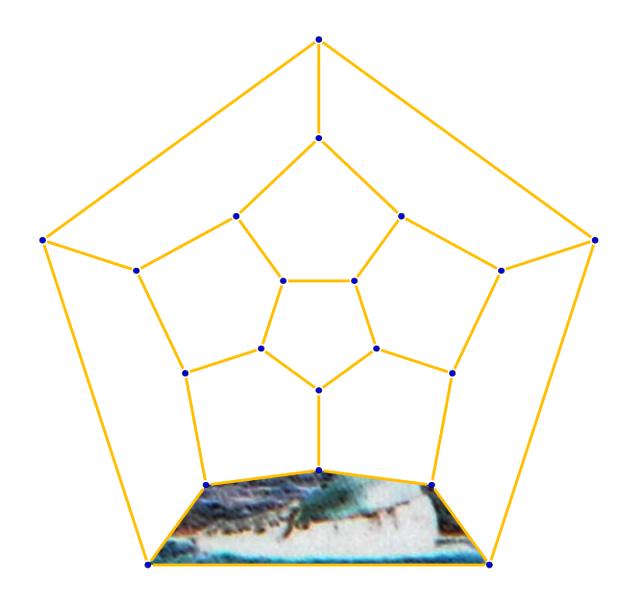
# Toll (right):



Adapted from Director's Cut album artwork (Kate Bush, 2011).

- Right eye and left fist: Rôspletha inside/outside large oval field.
- Left elbow: Sharp bend in road at end of lane leading to Rôspletha.
- This is the only place where Toll's eye is white — it is black everywhere else.



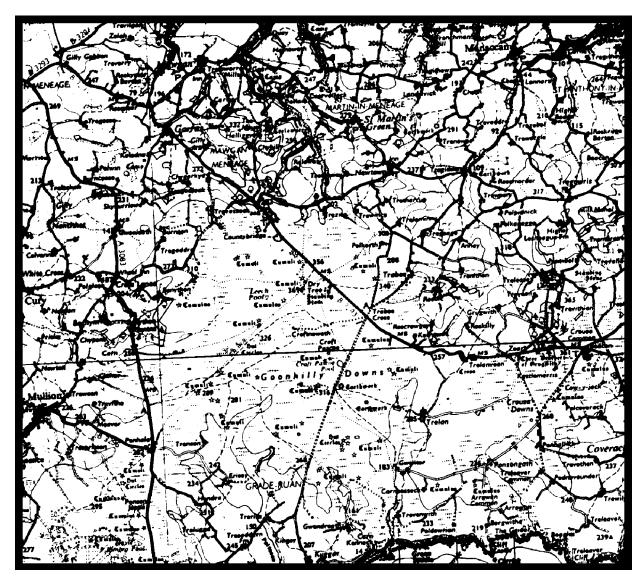


# **Top Of The City**



Adapted from Director's Cut album artwork (Kate Bush, 2011).

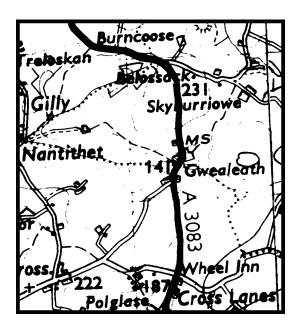




OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

It is important to correctly match the parts of Rook and Toll with the "ground truth" map, because further deductions depend on getting this first step correct. I present the solution to this matching problem as a fait accompli, illustrated by a few significant waypoints.

#### **Rook's Front**



The curve of the right hand and lower arm matches the A3083 around Burncoose, then the ladder continues southwards on the A3083. The left knee in front of the ladder corresponds to kink in the A3083 around Gwealeath, and the right heel corresponds to the crossroads at Cross Lanes.

OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

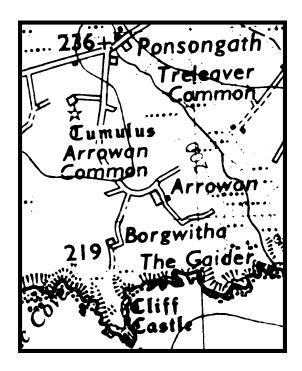


Right heel: The Wheel Inn (now closed) at Cross Lanes at SW69284,21500.



Right toe: Skewes Cottage at SW68979,21533.

# **Toll's Left Lower Leg**



The lower left leg (knee, shin, foot) matches Ponsongath to the southwest coastal path at Lankidden. It is easiest to follow this by starting at Lankidden and then working northwards. Further up Toll's body, things then fall into place as you continue further northwards.

OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.



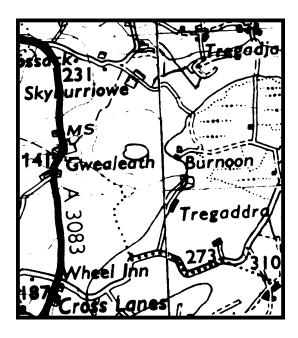
Left knee: Ponsongath Methodist Church, now a private house. "Ponsongath" derives from the Cornish language "Pons an Gath" which means "the cat bridge".

https://en.wikipedia.org/wiki/Ponsongath



Left foot: Memorial bench on the south-west coastal path above Lankidden Cove at SW75507,16770.

#### **Rook's Arms**



Right upper arm matches Skyburriowe Lane. Then the throat, left shoulder, and left arm continue south-east veering to south.

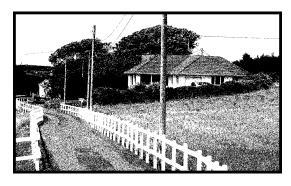
OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.



Right upper arm: Skyburriowe Lane junction on the A3083 at SW69247,22994.



Throat: Skyburriowe Farm Lane whose junction is on Skyburriowe Lane at SW69766,22826. Tracks marked on the OS map then lead to the next location below.



Left cuff: Tregaddra Farm whose driveway entrance is at SW69954,21642.

#### **Toll's Left Arm**

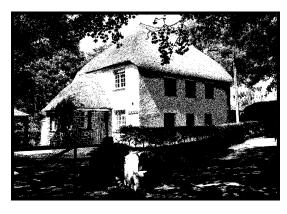
This "dotted line" of locations is more easily understood, and linked to locations corresponding to Toll's left lower leg, by reading them in reverse order — i.e. from south to north.



Left shoulder: The Old Farmhouse in Tregowris at SW77170,22420.



Left upper arm: Parc An Quatty at SW77207,22093.



Left elbow: Spring Cottage between Roscarnon and Nambol at SW77364,21507. This location interrupts the smooth curve of the road on the map, but it is an elbow, after all.



Left hand: B3293/B3294 junction complex at SW77349,19888.

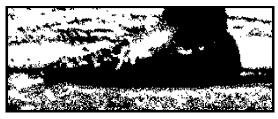
Caption "...where just a couple of pigeons are living.":

- Word lengths (including "..."): 8 4 1 62736.
- Split: 8 4 1 6 and 2 7 3 6.
- 2736: Digits of the OS northing of a location.
- -8416: Digits of a distance from that location to another location.



I have represented the two ladders in the DC artwork as a single triangular ladder, whose shape and location I have carefully adjusted to preserve the relevant geometrical properties of the two ladders.

#### Toll's left foot:



Adapted from Director's Cut album artwork (Kate Bush, 2011).

- This foot is in a slipper.
- "left slipper" => "left SL [i]pper" => "departed SL pa-pa".
- The memorial bench commemorates "pa-pa".

# Painting on left wall:



Adapted from Director's Cut album artwork (Kate Bush, 2011).

This is a mirror-imaged painting of Charles Babbage. The poor image quality is due to the oblique view and low resolution of the original CD-album version of the artwork.

https://en.wikipedia.org/wiki/Charles\_Babbage

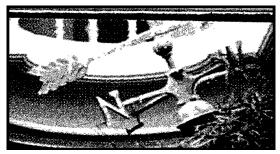
Bird's nest entrance:

This corresponds to the location of Bojorrow at SW705230.

Bird's nest tree trunk:

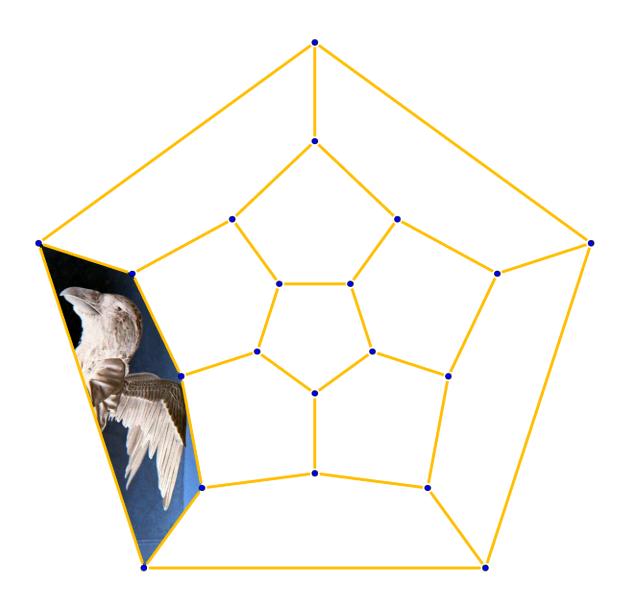
This corresponds to the road going slightly west of south across the Goonhilly Downs from Traboe Cross at SW736205 on the B3293.

#### Weather vane arrow:



Adapted from Director's Cut album artwork (Kate Bush, 2011).

This points slightly west of south.

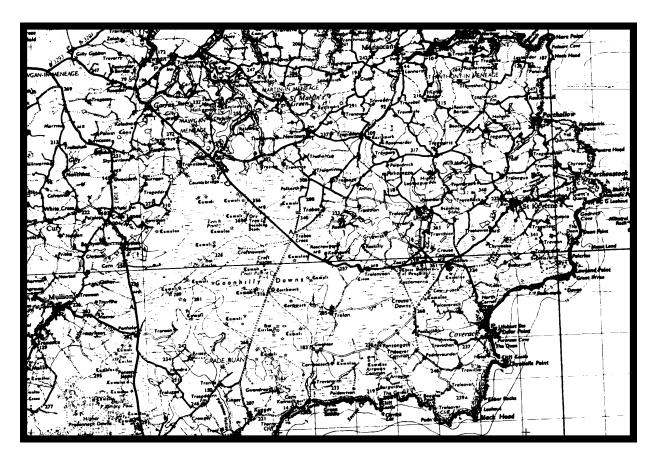


# **And So Is Love**



Adapted from Director's Cut album artwork (Kate Bush, 2011).

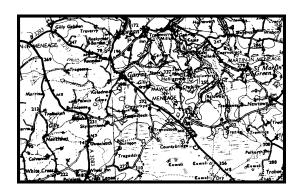




OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

It is important to correctly match the parts of Toll and Rook with the "ground truth" map, because further deductions depend on getting this first step correct. I present the solution to this matching problem as a fait accompli, illustrated by a few significant waypoints.

# **Upper Toll**



#### Upper Toll.

OS One Inch 7th Series, 1955–61 Map. Reproduced with the permission of the National Library of Scotland.



Nose: Pub at Newton. This is a convenient anchor-point for Toll, from which can be deduced how the rest of Toll should be overlaid onto the map.

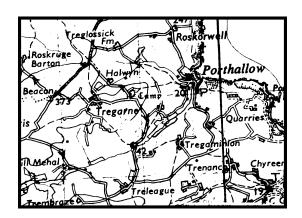


Right wrist: White Cross. This location is reached after going through the A3083/B3293 roundabout junction (Toll's neck), and then going south along Gilly Hill (Toll's right arm).



Right fingers: Trenoweth. Arrive back at the A3083 a couple of km south of the A3083/B3293 roundabout junction. The curve of Toll's back corresponds to the part of the A3083 between here and the roundabout.

#### **Upper Rook**



#### Upper Rook.

OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

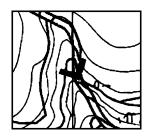


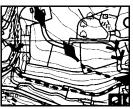


Beak tip: Roskruge trig-point. OS coordinate SW77952,23108. This is a convenient anchor-point for Rook, from which can be deduced how the rest of Rook should be overlaid onto the map.



Throat: Tregarne Mill. OS coordinate SW[7]8888,22411. Rook's fingers give 221 (left) and 41 (right). "Tregarne Mill" gives (word lengths) 8 4, which suggests 8 8 8 8, though this is selfreferential. Beware of decoys!

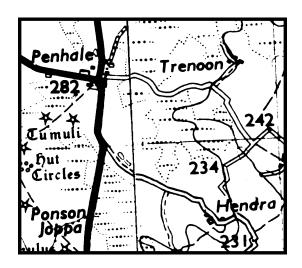




Left: "V" formed by Rook's right hand's fingers is at SW78006,22278. Right: "V" and "VV" formed by Rook's right and left (respectively) wing tips at a nearby location.

OS 1:25,000 Explorer Map. © Crown Copyright. Reproduced by permission of Ordnance Survey.

#### **Lower Toll**



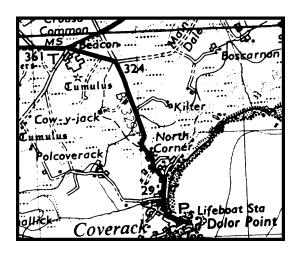
#### Lower Toll.

OS One Inch 7th Series, 1955–61 Map. Reproduced with the permission of the National Library of Scotland.



Left heel and foot: Trenoon junction on the A3083 (at SW69778,18513). The Hendra junction (right heel and foot) is just south of here (at SW69779,18082).

#### **Lower Rook**



#### Lower Rook.

OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.



Knee: B3293/B3294 junction complex (at SW77349,19888).



Left Heel: Coverack Harbour (at SW7845,1821).

https://en.wikipedia.org/wiki/Coverack



Left toe: Very steep hill going out of Coverack to the west. The red triangle marked on the OS map is Coverack Youth Hostel.

OS 1:25,000 Explorer Map. © Crown Copyright. Reproduced by permission of Ordnance Survey.

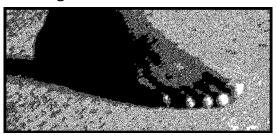
## Toll's right fingers:



Adapted from Director's Cut album artwork (Kate Bush, 2011).

- 4 fingers are prominently displayed. This suggests that the distance from here to a significant location is 4km.
- The curve of the fingers suggests that the 4km distance is measured along the actual route rather than the straight-line distance.

## Toll's right toes:



Adapted from Director's Cut album artwork (Kate Bush, 2011).

- 5 toes are prominently displayed. This suggests that the distance from here to a significant location is 5km.
- The straightness of the toes suggests that the 5km distance is a straight-line distance.
- The foot suggests a direction measured from a significant location on the above route.

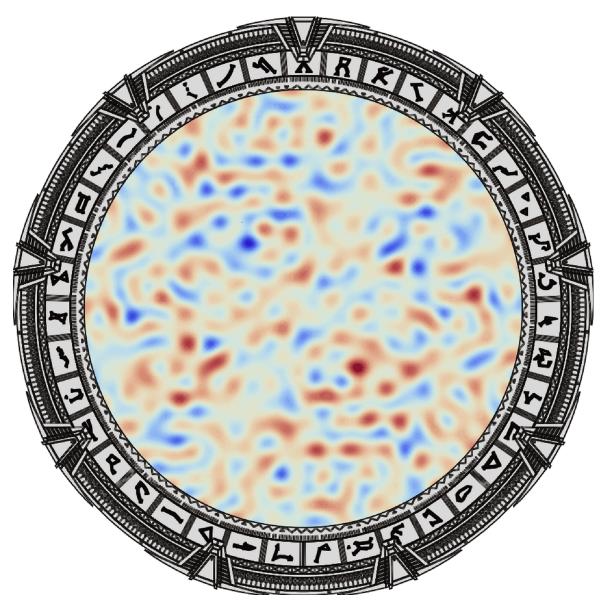
## Rook's left toe:

- This is located at (or close to) Coverack Youth Hostel.
- The foot suggests a direction measured from here.

Caption "And you huh? You do huh?...":

- Word lengths (including "?" and "..."): 334327.
- Product:  $3 \times 3 \times 4 \times 3 \times 2 \times 7 = 1512 = >$ 151 2.
- Coverack Youth Hostel (red triangle on OS map): SW78251,18115 (centre of triangle).
- Split: [78] 2 51,1 [8] 115 => 151 twice.





Adapted from https://en.wikipedia.org/wiki/Stargate\_(device)

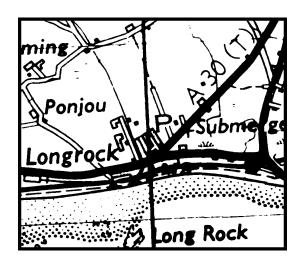
# **Inside Back Cover**



Adapted from Director's Cut album artwork (Kate Bush, 2011).

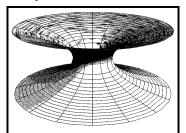


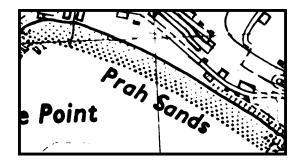
# **Hyperspace Jump**



# Longrock junction.

OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

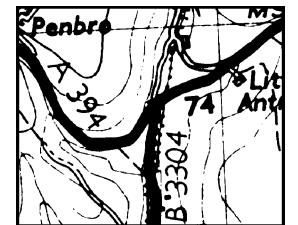


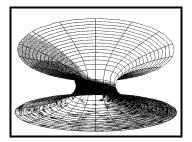


#### Praa Sands.

OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

https://en.wikipedia.org/wiki/Praa\_Sands





# Porthleven junction.

OS One Inch 7th Series, 1955-61 Map. Reproduced with the permission of the National Library of Scotland.

The fingers on each of KT's hands give precise details about the A30/A394 roundabout junction near Longrock (right hand) and the A394/B3304 junction north of Porthleven (left hand).

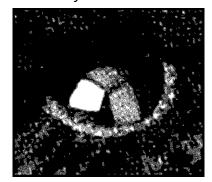




Adapted from Director's Cut album artwork (Kate Bush, 2011).

- Right hand fingers 1 and 2: The A30 and A394 (respectively). The loop of the scissors is the A30/A394 junction roundabout, with the A30 having 2 roundabout exits.
- Right hand fingers 3 and 4: Finger 3 represents the digit 3. The base (or root) of finger 4 is visible representing the "[square] root" of the digit 4 (i.e. 2). This gives  $3^{sqrt}(4) = 9 = 9$ altitude in metres of the A30/A394 roundabout junction.
- Left hand fingers 1 and 2: These have 2 and 3 joints visible (respectively), representing the 23 metre altitude of the A394/B3304 junction.
- Left hand fingers 3 and 4: These are grouped together and shaped like the letter "r" => "right". Finger 4's nail resembles a backward "r" representing the shape of the A394/B3304 junction — i.e. turn right then turn a bit further to the right.

#### Rook's eye:

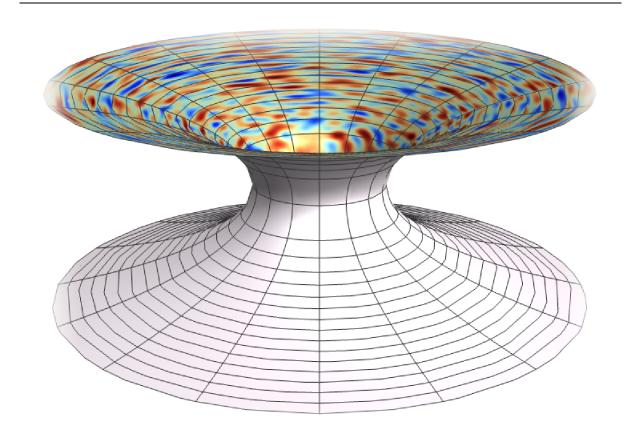


Adapted from Director's Cut album artwork (Kate Bush, 2011).

# Porthleven sketch map:



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Einstein-Rosen Bridge

https://en.wikipedia.org/wiki/Wormhole

# **DIRECTOR'S** UNCUT

